

FY2013

FORT POLK

Army Defense Environmental Restoration Program

Installation Action Plan

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Statement of Purpose

The purpose of the Installation Action Plan (IAP) is to outline the total multiyear cleanup program for an installation. The plan identifies environmental cleanup requirements at each site or area of concern (AOC), and proposes a comprehensive, installation-wide approach, along with the costs and schedules associated with conducting investigations and taking the necessary remedial actions (RA).

In an effort to coordinate planning information between the restoration manager, the US Army Environmental Command (USAEC), Fort Polk, the executing agencies, regulatory agencies, and the public, an IAP was completed. The IAP is used to track requirements, schedules, and tentative budgets for all major Army installation cleanup programs.

All site-specific funding and schedule information has been prepared according to projected overall Army funding levels and is, therefore, subject to change.

Acronyms

AAFES	Army Air Force Exchange Service
AEDB-CC	Army Environmental Database - Compliance-related Cleanup
AEDB-R	Army Environmental Data-base Restoration
aka	also known as
AOC	Area of Concern
ASP	Ammunition Supply Point
AST	Aboveground Storage Tank
ATT	At This Time
bgs	below ground surface
BTEX	Benzene, Toluene, Ethylbenzene, Xylene
CAP	Corrective Action Plan
CC	Compliance-related Cleanup
CDL	Construction Material Disposal Area (CDL Landfill)
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CMB	Compliance Management Branch
CMI	Corrective Measures Implementation
CMI(C)	Corrective Measures Implementation (Construction)
CMI(O)	Corrective Measures Implementation (Operation)
CMS	Corrective Measures Study
CR	Compliance Restoration
DD	Decision Document
DEH	Directorate of Engineering and Housing
DERP	Defense Environmental Restoration Program
DES	Design
DoD	Department of Defense
DOL	Directorate of Logistics
DRO	Diesel Range Organics
ENRMD	Environmental and Natural Resources Management Division
EOD	Explosive Ordnance Disposal
ER,A	Environmental Restoration, Army
FRA	Final Remedial Action
FS	Feasibility Study
ft	feet
FY	Fiscal Year
GRO	Gasoline Range Organics
GW	Groundwater
HRR	Historical Records Review
HSWA	Hazardous and Solid Waste Amendments Act of 1984
IAP	Installation Action Plan
ID	Identification
IMCOM	Installation Management Command
IMP(O)	Implementation (Operations)
INV	Inventory
IR	Installation Restoration
IRA	Interim Remedial Action

Acronyms

IRP	Installation Restoration Program
ISC	Initial Site Characterization
IUA	Intensive Use Area
JRTC	Joint Readiness Training Center
K	thousand
km	kilometer
LA	Louisiana
LDEQ	Louisiana Department of Environmental Quality
LF	Landfill
LNAPL	Light Non-Aqueous Phase Liquid
LTM	Long-Term Management
LUA	Limited Use Area
LUC	Land Use Control
MC	Munitions Constituents
MCL	Mill Creek Landfill
MD	Munitions Debris
MEC	Munitions and Explosives of Concern
MFU	Motor Fuel Unit
mgmt	management
MMRP	Military Munitions Response Program
MO	Management Option
MOGAS	Motor Gasoline
MPPEH	Material Potentially Presenting an Explosive Hazard
MR	Munitions Response
MRS	Munitions Response Site
MRSPP	Munitions Response Site Prioritization Protocol
MW	Monitoring Well
N/A	Not Applicable
NAPL	Non-aqueous Phase Liquid
NFA	No Further Action
NFFD	North Fort Fire Department
NFWWTP	North Fort Wastewater Treatment Plant
NPL	National Priorities List
OB	Open Burning
OD	Open Detonation
ODUSD (I&E)	Office of the Deputy Under Secretary of Defense for Installations and Environment
ORC-Advanced	Oxygen Release Compound
P&A	Plug and Abandon
PA	Preliminary Assessment
PAH	Polycyclic Aromatic Hydrocarbon
PBA	Performance-Based Acquisition
POL	Petroleum, Oil, and Lubricants
POLK	AEDB-R site designation for Fort Polk
RA	Remedial Action
RA(C)	Remedial Action - Construction

Acronyms

RA(O)	Remedial Action - Operations
RAB	Restoration Advisory Board
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RECAP	Risk Evaluation/Corrective Action Program
RFA	RCRA Facility Assessment
RFI	RCRA Facility Investigation
RI	Remedial Investigation
RIP	Remedy-in-Place
ROD	Record of Decision
RRSE	Relative Risk Site Evaluation
SAP	Satellite Accumulation Point
SES	SpecPro Environmental Services
SI	Site Inspection
SS	Screening Standard
SVOC	Semi-Volatile Organic Compound
SWMU	Solid Waste Management Unit
TAPP	Technical Assistance for Public Participation
TBD	To Be Determined
TPH	Total Petroleum Hydrocarbons
TRADOC	US Army Training and Doctrine Command
TRC	Technical Review Committee
USACE	US Army Corps of Engineers
USAEC	US Army Environmental Command
USAEHA	US Army Environmental Hygiene Agency
USATHAMA	US Army Toxic and Hazardous Materials Agency
USEPA	US Environmental Protection Agency
USFS	US Forest Service
UST	Underground Storage Tank
UXO	Unexploded Ordnance
VOC	Volatile Organic Compound

Installation Information

Installation Locale

Installation Size (Acreage): 198555

City: Fort Polk

County: Vernon Parish

State: Louisiana (LA)

Other Locale Information

Fort Polk, located in Vernon Parish, six miles southeast of Leesville, LA, occupies 100,430 acres. It is divided into three cantonment areas and several large training ranges. The larger and more extensively developed cantonment area is known as South Fort Polk. North Fort Polk is contiguous. A third cantonment area is located on the east side of Peason Ridge which is approximately 20 miles north of the main post.

Training ranges are located in the remainder of Fort Polk's main post and at Peason Ridge. The US Forest Service (USFS) controls 98,125 acres on the main post. These lands are used by the Army under the conditions of a special use permit authorization. Access between the main post and Peason Ridge is via a tank trail over land leased from the state of Louisiana, Vernon Parish and private landowners. Total current acreage is 198,555 acres.

Installation Mission

Fort Polk became one of four Army combat training centers as the result of recommendations under the Defense Base Realignment and Closure Act of 1990, Public Law 101-510, realigning the Joint Readiness Training Center (JRTC) from Fort Chaffee, Arkansas and the 199th Separate Motorized Brigade from Fort Lewis, WA to Fort Polk. On March 12, 1993 the JRTC took command of Fort Polk with the mission of providing advanced level training for the Army and Air Force contingency forces under tough, simulated conditions which replicate, as closely as possible, low- and mid-intensity conflicts. The major training effort of the JRTC is focused on Army light forces, i.e., airborne, air assault, ranger, light infantry battalions, special operation forces and their associated combat support and combat service support units. In addition to US forces, many of our allies send their military forces to participate in training at the JRTC.

Fort Polk is also the home of one of the Army's Noncommissioned Officers Academy.

The first item in the JRTC mission statement is to "Train Soldiers and grow leaders to deploy, fight, and win."

Lead Organization

IMCOM

Lead Executing Agencies for Installation

US Army Corps of Engineers (USACE)

Regulator Participation

Federal

US Environmental Protection Agency (USEPA), Region 6

State

Louisiana Department of Environmental Quality (LDEQ), Underground Storage Tank Division, Baton Rouge, LA

National Priorities List (NPL) Status

FORT POLK is not on the NPL

Installation Restoration Advisory Board (RAB)/Technical Review Committee (TRC)/Technical Assistance for Public Participation (TAPP) Status

The community has expressed no sufficient, sustained interest in a RAB.

Installation Information

Installation Program Summaries

IRP

Primary Contaminants of Concern: Metals, Pesticides, Volatiles (VOC)

Affected Media of Concern: Groundwater, Sediment, Soil, Surface Water

MMRP

Primary Contaminants of Concern: Munitions and explosives of concern (MEC), Munitions constituents (MC)

Affected Media of Concern: Groundwater, Soil

CR

Primary Contaminants of Concern: Light non-aqueous phase liquids (LNAPL), Metals, Petroleum, Oil and Lubricants (POL)

Affected Media of Concern: Groundwater, Soil

5-Year / Periodic Review Summary

5-Year / Periodic Review Summary

Status	Start Date	End Date	End FY
Complete	200810	200909	2009
Planned	201308	201409	2014

Last Completed 5-Year / Periodic Review Details

Associated ROD/DD Name	Sites
Construction Material Disposal Area	POLK-11
IRAs at Mill Creek landfill	POLK-08

Results The landfill closure remedies at two landfills remain protective.

Actions Maintain the existing semi-annual sampling frequency at one landfill perimeter well (scheduled to transition to annual sampling) due to detection of VOCs on an increasing concentration trend. Replace one dry monitor well at MCL (MCMW-04).

Plans Continue planned monitoring and maintenance activities at the landfill sites, with the exception of maintaining semi-annual sampling at one well. New sampling schedule implemented in FY10. Dry well has been P&A and a new one drilled.

Recommendations and Implementation Plans:

The five-year review recommendations for the POLK-08 [Mill Creek Landfill (MCL)] site were as follows:

1. Benzene and vinyl chloride levels at the Mill Creek Landfill (MCL) require further monitoring. Benzene and vinyl chloride continue to be present above their risk evaluation/corrective action program (RECAP) screening standard (SS) in both monitoring well (MW) 6 and 11 at the MCL. In MW 6, the concentrations of benzene and vinyl chloride have remained steady; however, the benzene and vinyl chloride concentrations have shown an increasing trend in MW 11. These wells will continue to be monitored.

2. MW 4 at the MCL has been dry since December 2005. The LDEQ suggested that this monitoring well should be plugged and abandoned, reworked to restore functionality, or replaced with a new functional well in a similar location.

ACTION TAKEN: MW 4 was replaced in September 2009 by drilling a new well approximately 30 feet (ft) west of its original location. The new designation is MW-4R. The old well was removed by overdrilling and the borehole was plugged with cement.

3. Benzene and vinyl chloride levels at the MCL require further monitoring. The LDEQ suggested that, due to the continued detection of benzene and vinyl chloride at MW 6 and 11 of the MCL, semiannual groundwater (GW) sampling should continue. The wells had been scheduled to change to an annual monitoring frequency for years six-30.

ACTION TAKEN: The MWs 6 and 11 now remain on a semiannual sampling schedule until LDEQ approves a different frequency.

There were no recommendations for the POLK-11 (Construction Debris Landfill) site in the five-year report.

The conclusion of the report was that the remedy for the natural attenuation of groundwater at POLK-08 and POLK-11 is protective of human health and the environment in the short-term. The constituents of concern do not appear to be elevating above a level that is deemed unsafe.

Land Use Control (LUC) Summary

LUC Title: Mill Creek Landfill LUC

Site(s): POLK-08

ROD/DD Title: IRAs at Mill Creek landfill

Location of LUC

The Mill Creek Landfill is located on Mill Creek Road between the North Fort and South Fort Cantonment areas.

Land Use Restriction: Landfill restriction - Prohibit activities that would impact the LF cap (or cover system) and drainage system, Landfill restriction - Prohibit excavation on LF cap or cover system, Landfill restriction - Restrict access to the site, Landfill restriction - Restrict construction of buildings that may interfere with LF cap or cover system, Landfill restriction - Restrict plantings that interfere LF cap or cover system (roots that penetrate the cap or cover system), Landfill restriction - Restrict vehicular traffic

Types of Engineering Controls: Fences, Signs

Types of Institutional Controls: Notations in Master Plan

Date in Place: 200503

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Installation

Record of LUC: Master Plan or Equivalent

Documentation Date: 200503

LUC Enforcement: Annual Inspections

Contaminants: METALS, ORGANICS, PESTICIDES

Additional Information

LUCs are recorded at the Vernon Parish Courthouse as Conveyance Notice documents.

The Fort Polk -Directorate of Public Works - Master Planning Division maintains records of LUCs. Land use restrictions are noted on the installation's Buildable Acres map.

Cleanup Program Summary

Installation Historic Activity

Camp Polk was established in 1941 as an armored division training center as a result of the Louisiana Maneuvers. It was named in honor of the Right Reverend Leonidas Polk, the first Episcopal Bishop of Louisiana, also known as "The Fighting Bishop," who was killed while fighting for the Confederacy in 1864. The camp was originally planned as a sister post to three Louisiana Army Installations: Camps Claiborne, Livingston and Beauregard.

Prior to World War II, the entire west part of Louisiana was used in the 'Great Louisiana Maneuvers.' The Louisiana Maneuvers were a series of military exercises held all over north and west-central Louisiana, including Fort Polk, in August and September 1941. The training exercise involved half a million men in 19 Army Divisions, taking place over 3400 square miles (8,800 km²) of Louisiana. The exercise was designed to test US troop training, logistics, doctrine, and commanders.

During World War II, Camp Polk was the preparation and training camp for over 800,000 soldiers who took part in the invasion of North Africa and Europe. Units receiving training included the 3d, 5th, 7th, 8th, 9th, and 11th Armored Divisions, the 95th Infantry Division and the 11th Airborne Division. After the war Camp Polk was deactivated and put on standby status between 1947 and 1950. Limited reactivation occurred when Louisiana and Arkansas National Guard units trained at Camp Polk, during the summers of 1948 and 1949.

With the onset of the Korean Conflict in 1950, activity at Camp Polk increased. The entire post was renovated. Military units stationed at the camp between 1950 and 1954 included the 45th Infantry Division - Oklahoma National Guard, the XV Corps, the 37th Infantry Division - National Guard, and the 1st Armored Division.

Fort Polk was again deactivated for a short period in 1959 and 1960 and reactivated in 1961 during the Berlin Crisis. It became an infantry training center in 1962. Later, it was selected to conduct Vietnam-oriented advanced training. Soldiers trained in its advanced infantry school (nick-named Tigerland). This school was known as the "Birthplace of Combat Infantrymen for Vietnam."

Also during this period, the installation became the base for the 49th Armored Division - Texas National Guard. As the number of inductees increased, an infantry training center was established at Fort Polk. On Oct. 23, 1968, Fort Polk was designated as a permanent installation.

In January 1973, more Army reorganization resulted in Fort Polk becoming the US Army Infantry Training Center under the US Army Training and Doctrine Command (TRADOC).

The 5th Infantry Division (Mechanized) became Fort Polk's major unit, redesignated when the 2nd Armored Division moved to Fort Hood, Texas. In 1992, the 108th ADA Brigade was moved to Fort Polk, Louisiana, becoming a Patriot unit. In 1996, the 5th Division was transferred to Fort Bliss, Texas.

On March 12, 1993, Fort Polk officially became the home of the JRTC. The JRTC had relocated from Fort Chaffee, Arkansas. Fort Polk is also home to 1st Maneuver Enhancement Brigade, which contains several combat support units. Various medical, dental, and military police commands are based at the installation. The 4th Brigade, 10th Mountain Division, one of the Army's new modular brigades was officially activated in January 2005.

The area occupied by Fort Polk has been used for training various Army and National Guard units. Inactive periods occurred in 1947, 1954, 1955, 1959, and 1960. Typical military and industrial activities and practices resulted in the contamination of some area of the installation. The storage and use of petroleum products has been the main constituent of the contamination. Site inspections (SI), assessments, and corrective actions have been ongoing since 1983, when the US Army Toxic and Hazardous Materials Agency (USATHAMA) first conducted a site assessment. Subsequent Resource Conservation and Recovery Act (RCRA) facility investigations (RFI) and corrective actions have been completed at the South Fort and North Fort Cantonment areas. The LDEQ has provided regulatory oversight for all site assessments and corrective actions.

Installation Program Cleanup Progress

IRP

Prior Year Progress: POLK-08 - Continued long-term management (LTM)
POLK-11 - Continued LTM

Cleanup Program Summary

Future Plan of Action: POLK-08 - Continue LTM
POLK-11 - Continue LTM

MMRP

Prior Year Progress: Continue the remedial investigation (RI)/feasibility study (FS) phase at the three sites.

Future Plan of Action: Complete the RI/FS at the three sites.

CR

Prior Year Progress: CCSWMU23 - Continued corrective measures implementation (operation) (CMI(O))
CCBldg1725 - Continued IMP(O)
CCBldg7016 - Completed the RFI, began LTM
CCBldg3401 - Continued RFI/corrective measures study (CMS)
CCBldg8716 - Completed the RFI and the design, began the corrective measures implementation (CMI(C))
CCSWMU26 - Continued the RFI/CMS
CCBldg7199 - Completed INV
CC2600-2700, CC3100-3200, CC3500-3600, CC3700 - Continued SI and interim remedial action (IRA)

Future Plan of Action: CCSWMU23 - Complete CMI(O) and site closeout
CCBldg7016 - Complete the LTM and site closeout
CCBldg8716 - Complete CMI(C),LTM
CCSWMU26 - Complete the design (DES) and CMI(C), begin CMI(O)
CCBldg3401 - Complete the RFI/CMS
CCBldg1725 - Complete IMP(O) site closeout
CCBldg7199 - Begin corrective action plan (CAP)
CC2600-2700 - Complete SI, IRA, RI/FS
CC3100-3200 - Complete SI, IRA, RI/FS
CC3500-3600- Complete SI, IRA, RI/FS
CC3700 - Complete SI, IRA, RI/FS

FORT POLK
Army Defense Environmental Restoration Program
Installation Restoration Program

IRP Summary

Installation Total Army Environmental Database-Restoration (AEDB-R) Sites/Closeout Sites Count: 23/15

Installation Site Types with Future and/or Underway Phases

- 1 Above Ground Storage Tank
(POLK-22)
- 1 Contaminated Buildings
(POLK-23)
- 1 Explosive Ordnance Disposal Area
(POLK-21)
- 2 Fire/Crash Training Area
(POLK-17, POLK-18)
- 3 Landfill
(POLK-07, POLK-08, POLK-11)

Most Widespread Contaminants of Concern

Metals, Pesticides, Volatiles (VOC)

Media of Concern

Groundwater, Sediment, Soil, Surface Water

Completed Remedial Actions (Interim Remedial Actions/ Final Remedial Actions (IRA/FRA))

Site ID	Site Name	Action	Remedy	FY
POLK-06	RANGE 23A CHEMICAL AGENT BURIAL SITE	IRA	WASTE REMOVAL - DRUMS, TANKS, BULK CONTAINERS	1988
POLK-03	SOUTH FORT POLK WASTEWATER LAGOON	FRA	GROUND WATER TREATMENT	1994
POLK-03	SOUTH FORT POLK WASTEWATER LAGOON	FRA	WASTE REMOVAL - LIQUIDS	1994
POLK-03	SOUTH FORT POLK WASTEWATER LAGOON	FRA	IN-SITU SOIL TREATMENT	1994
POLK-03	SOUTH FORT POLK WASTEWATER LAGOON	FRA	WASTE REMOVAL - SOILS	1994
POLK-06	RANGE 23A CHEMICAL AGENT BURIAL SITE	IRA	INSTITUTIONAL CONTROLS	1998
POLK-21	FORMER BURNING GROUND	IRA	CAPPING	1998
POLK-22	K AVENUE MOGAS SITE	IRA	WASTE REMOVAL - SOILS	1998
POLK-08	MILL CREEK LANDFILL	IRA	REMOVAL	2000
POLK-02	DOL SOLVENT WASTE STORAGE AREA	FRA	WASTE REMOVAL - SOILS	2001
POLK-11	CONSTRUCTION MATERIAL DISPOSAL AREA	FRA	DRAINAGE CONTROLS	2003
POLK-08	MILL CREEK LANDFILL	IRA	CAPPING	2004
POLK-08	MILL CREEK LANDFILL	FRA	CAPPING	2004
Bldg 7602	Chemical Agent Area	FRA	REMOVAL	2009

Duration of IRP

Date of IRP Inception: 198709

Estimated Date for Remedy-In-Place (RIP)/Response Complete (RC): 200904/200709

Date of IRP completion including Long Term Management (LTM): 203409

IRP Contamination Assessment

Contamination Assessment Overview

In 1983 an installation assessment was conducted by the USATHAMA to determine past and current use of toxic and hazardous materials as well as the potential for these substances to migrate off the installation. The assessment determined that off-post migration of contaminants via surface water or groundwater was not evident.

In 1987 and 1989, the US Army Environmental Hygiene Agency (USAEHA) conducted an evaluation of solid waste management units (SWMU). Twenty-one SWMUs were identified on Fort Polk. An RI/FS was conducted at three sites: South Fort Polk Wastewater Lagoon, the MCL, and the Former Burning Ground. No additional sampling was recommended for 11 sites. Surface water, sediment, and waste samples were collected at one site and monitoring wells were installed. Groundwater, surface water, sediment, and soil samples were collected at six sites.

In 1989, the results of the RI/FS were addressed in the Fort Polk RI report prepared for USATHAMA by Roy F. Weston, Inc. The MCL was found to be contaminating the groundwater in the shallow aquifer with low levels of certain organics VOC, and semi-volatile organic compounds (SVOC)], nitro aromatics, and metals, but the endangerment assessment concluded that there were no unacceptable risks. Closure was recommended for the Wastewater Lagoon and it was determined that all contamination was within the physical confines of the lagoon. The former burning ground RI indicated that no appreciable migration of the constituents of concern had occurred beyond the fenced-in site area.

In September 1993 an RA at the wastewater lagoon, consisting of sludge removal and regrading, commenced and was completed in July 1994. LTM was conducted through 1998.

Fort Polk applied for and received a RCRA Subpart X (federal regulations for miscellaneous units) permit in 1995 for their open burning (OB)/open detonation (OD) range. In 1993, in response to the permit application, a RCRA facility assessment (RFA) report was prepared for the USEPA by PRC Environmental Management, Inc. The RFA report identified 57 SWMUs and five AOCs. Thirty-one of the SWMUs plus two AOCs were recommended for an RFI. In December 1993 in response to this, a draft scope of work for these investigations was completed. The corrective action portion of the permit was issued in June 1995.

In January 1995, the Phase I MCL RFI began and was completed in June 1995. Samples were collected from creek water and sediment, seeps, and groundwater. The results were compared to action levels established by the USEPA. Action levels were exceeded for VOCs, pesticides, and metals in groundwater, pesticides and metals in creek water, pesticides and metals in creek sediment, and VOCs, pesticides, herbicides, and metals in seeps.

In March 1996, Phase II of the MCL RFI began and was completed in October 1997. Samples were collected from creek water and sediment, seeps, groundwater, and soil borings. The results were compared to action levels established by the LDEQ. Action levels were exceeded for explosives and metals in soil; pesticides, herbicides, metals, and explosives in groundwater; pesticides in creek water; metals in creek sediment; and pesticides and metals in seeps.

A CMS and baseline human health and ecological risk assessment was completed for the MCL and submitted to the LDEQ in 1999. Based on the results of these reports, a clay cap was designed as a corrective action for part of the Mill Creek area. The final design was submitted to the LDEQ in 2000.

In April 1995, the Phase I RFI for the installation-wide SWMUs (all SWMUs with the exception of the MCL) began and was completed in March 1997. In October 1997 the Phase II RFI for the installation-wide SWMUs began and was completed in June 1999. The installation-wide SWMU Phase III RECAP assessment was completed in 2001.

In 1999, POLK-24, Former Ammunition Supply Point (ASP), was added to the installation restoration program (IRP). The constituents of concern at this site are metals and potential ordnance material. In May 2002, a final risk assessment was released for comment with a recommendation of no further action (NFA). Closure of 14 groundwater monitoring wells was completed in fiscal year (FY)03.

A five-year review was conducted in FY09 which included POLK-08 (MCL) and POLK-11 (Construction Debris Landfill). The five-year review report concluded that the corrective measures taken at both POLK-08 and POLK-11 remain protective of human health and the environment.

Cleanup Exit Strategy

POLK-08 and POLK-11 LTM will continue.

IRP Previous Studies

	Title	Author	Date
1983	Installation Assessment of Headquarters, 5th Infantry Division (Mechanized) and Fort Polk and Peason Ridge, LA. Report No. 333	Environmental Science and Engineering, Inc., Gainesville, FL 32602	JAN-1983
1989	Groundwater Quality Survey No. 38-26-8809-90, Evaluation of Solid Waste Management Units, US Army 5th Infantry Division (Mechanized) and Fort Polk	US Army Environmental Hygiene Agency, Aberdeen Proving Ground, MD 21010-5422	AUG-1989
	Fort Polk Remedial Investigation Report, Contract No. DAAA15-85-D-0015, Task Order 8	Roy F. Weston, Inc., West Chester, PA 19380	AUG-1989
1993	RCRA Facility Assessment	PRC Environmental Management, Inc., Baton Rouge, LA	DEC-1993
1994	Site Visit Report, RCRA Corrective Action Program	Radian Corporation, Baton Rouge, LA.	JAN-1994
1995	Mill Creek Landfill Phase I RI	Radian Corporation, Baton Rouge, LA	OCT-1995
1996	RCRA Facility Investigation Installation-Wide SWMU	Radian Corporation, Baton Rouge, LA	MAR-1996
1997	RFI Interim Report Installation-Wide SWMUs	Radian International LLC, Baton Rouge, LA	JAN-1997
	Mill Creek Landfill Phase II RFI	Radian International LLC, Baton Rouge, LA	OCT-1997
1998	Relative Risk Ranking Site Evaluations	Radian International LLC, Baton Rouge, LA	SEP-1998
	Interim Stabilization Measures Report, Former Chemical Agent Burial Ground, Former Burning Ground, Avenue K MOGAS Site	Radian International LLC, Baton Rouge, LA	SEP-1998
	Corrective Measure Implementation Program Plan, Evaluation and Design of Mill Creek Landfill	Radian International LLC, Baton Rouge, LA	SEP-1998
	Additional Investigation for Installation-Wide SWMUs Phase II RFI	Radian International LLC, Baton Rouge, LA	SEP-1998
	Background Study for Metals, Pesticides, and Herbicides	Radian International LLC, Baton Rouge, LA	OCT-1998
	Mill Creek Landfill Secondary Site Reconnaissance Report	Radian International LLC, Baton Rouge, LA	DEC-1998
1999	RFI Report, Installation-Wide SWMUs	Radian International LLC, Baton Rouge, LA	JAN-1999
	Relative Risk Ranking Site Evaluation Report, Range 1 Area	Radian International LLC, Baton Rouge, LA	FEB-1999
	Mill Creek Landfill Secondary Site Reconnaissance	Radian International LLC, Baton Rouge, LA	MAR-1999
	Additional Investigations Report, Installation-Wide SWMUs 25A, 26, 27A, 41A	Radian International LLC, Baton Rouge, LA	JUN-1999

IRP Previous Studies

	Title	Author	Date
1999	Phase I Site Assessment Report, Former Ammo Supply Point	Radian International LLC, Baton Rouge, LA	JUN-1999
	DOL Waste Solvent Storage Area Site Investigation	Radian International LLC, Baton Rouge, LA	JUN-1999
	RRSE, Former Ammo Supply Point	Radian International LLC, Baton Rouge, LA	JUN-1999
	Relative Risk Ranking Site Evaluation Report, Block 100	Radian International LLC, Baton Rouge, LA	JUL-1999
	Additional Activities for the Installation-Wide SWMUs RFI (Construction Debris Landfill)	Radian International LLC, Baton Rouge, LA	OCT-1999
	Activities for SWMU 26	Radian International LLC, Baton Rouge, LA	NOV-1999
2000	Construction Debris Landfill Erosion Control Plan, Site Reconnaissance	Radian International LLC, Baton Rouge, LA	JAN-2000
	RECAP Assessment, Installation-Wide SWMUs Phase III RFI	URS, Baton Rouge, LA	FEB-2000
	Mill Creek Landfill Corrective Action Design	URS, Baton Rouge, LA	JUN-2000
	DOL Waste Solvent Storage Area Site Remediation Definition	URS, Baton Rouge, LA	JUL-2000
	Phase II SI, Former Ammo Supply Point	URS, Baton Rouge, LA,	JUL-2000
	RFI and RECAP Assessment, AOC 2 and AOC 3	URS, Baton Rouge, LA	AUG-2000
2001	Mill Creek Landfill Corrective Action Revised Design	URS, Baton Rouge, LA	FEB-2001
	Borrow Area Study, Mill Creek Landfill	URS, Baton Rouge, LA	MAY-2001
	Background Study for Metals in Groundwater	URS, Baton Rouge, LA	JUN-2001
	Mill Creek Landfill Borrow Area Design	URS, Baton Rouge, LA	JUL-2001
	Construction Debris Landfill Seep Management System Design	URS, Baton Rouge, LA	AUG-2001
	Construction Debris Landfill Erosion Control Design	URS, Baton Rouge, LA	AUG-2001
2004	Groundwater Monitoring for Mill Creek Landfill	URS, Baton Rouge, LA	JAN-2004
	Mill Creek Landfill Monitoring Well Installation and Groundwater Sampling Report	URS, Baton Rouge, LA	MAR-2004
	Plugging and Abandonment of the Former ASP Groundwater Monitoring Wells	URS, Baton Rouge, LA	MAR-2004
	Mill Creek Landfill Monitoring Well Installation Work Plan	URS, Baton Rouge, LA	APR-2004
	Corrective Measure Study	URS, Baton Rouge, LA	MAY-2004
2005	Mill Creek Landfill Monitoring Well Installation Report	URS, Baton Rouge, LA	JAN-2005
	Operation and Maintenance Plan, Mill Creek Landfill	Shaw, Houston, TX	MAR-2005
	Mill Creek Landfill Cover System Construction Certification Report	URS, Baton Rouge, LA	MAY-2005
	Mill Creek Landfill Long Term Monitoring Program, Year 1 Report	URS, Baton Rouge, LA	SEP-2005

IRP Previous Studies

	Title	Author	Date
2005	Mill Creek Landfill Inspection and Maintenance Report	URS, Baton Rouge, LA	SEP-2005
	Seep Management System Sampling Activities Report, Construction Debris Landfill September 2004 to June 2005	URS, Baton Rouge, LA	OCT-2005
	Addendum No. 1 for Construction Certification Report for Mill Creek Landfill	URS, Baton Rouge, LA	NOV-2005
2006	Groundwater Monitoring for Mill Creek Landfill at Fort Polk, Louisiana	URS, Baton Rouge, LA	OCT-2006
	Mill Creek Landfill Inspection and Maintenance Report	URS, Baton Rouge, LA	OCT-2006
	Seep Management System Sampling Activities Report September 2005 - June 2006 Construction Debris Landfill	URS, Baton Rouge, LA	NOV-2006
	Groundwater Monitoring Report for Mill Creek Landfill at Fort Polk, Louisiana - 2006 Groundwater Sampling Work Plan Year 3	URS, Baton Rouge, LA	NOV-2006
2007	Mill Creek Landfill Long Term Monitoring Program - Years 2 and 3 Report	URS, Baton Rouge, LA	MAR-2007
	Seep Management System Sampling Activities Report - Construction Debris Landfill - Sept 2006 to May 2007	URS, Baton Rouge, LA	SEP-2007
2008	Mill Creek Landfill Inspection and Maintenance Report - 2006 to 2007	URS, Baton Rouge, LA	JAN-2008
	Mill Creek Landfill- Long Term Monitoring Program - Years 3-4	URS, Baton Rouge	NOV-2008
2009	Mill Creek Landfill Inspection / Maintenance Report 2007-2008	URS, Baton Rouge, LA	JAN-2009
	Mill Creek Landfill - Groundwater Sampling Work Plan - Year 5	URS, Baton Rouge, LA	FEB-2009
	Time Critical Removal Action Report BLDG7602	One Stop Environmental, Birmingham, AL	JUN-2009
	First-Five-year review, Mill Creek and Construction Debris Landfills, Fort Polk LA	ALL Consulting, Tulsa, OK	OCT-2009
2010	2009 Mill Creek Landfill Inspection and Maintenance Report Years 4 & 5	URS, Baton Rouge, LA	FEB-2010
	2009 Seep Management System Sampling Activities Report September 2009 - December 2009 Construction Debris Landfill	URS, Baton Rouge, LA	FEB-2010
	Mill Creek Landfill Long Term Monitoring Program, Years 4 & 5 Report	URS, Baton Rouge, LA	MAY-2010
2011	2010 Seep Management System Sampling Activities Report March 2010 - December 2010 Construction Debris Landfill	URS, Baton Rouge, LA	APR-2011
	2010 Mill Creek Landfill Long Term Monitoring Program, Year 6 Report	URS, Baton Rouge, LA	JUN-2011
	2010 Mill Creek Landfill Inspection and Maintenance Year 6 Report	URS, Baton Rouge, LA	JUN-2011

FORT POLK
Installation Restoration Program
Site Descriptions

Site ID: POLK-07
Site Name: BAYOU ZOURIE LANDFILL

STATUS

Regulatory Driver: RCRA

RRSE: MEDIUM

Contaminants of Concern: Metals

Media of Concern: Soil

Phases	Start	End
RFA.....	198709.....	199005
CS.....	198709.....	199005
RFI/CMS.....	199502.....	200109
LTM.....	201109.....	201403

RIP Date: N/A

RC Date: 200109

SITE DESCRIPTION

This abandoned landfill of approximately 10 acres, is located southwest of the Chaffee Road Landfill (POLK-09). The landfill, containing domestic and light industrial wastes, was operated during the late-1940s through the late-1950s. The RFI Phase I began in February 1995 and was completed in June 1997. Low levels of metals were detected in sediment and soil samples. The RECAP Assessment required a MO-3 (full risk assessment) and was completed. A CMS was completed (funded in FY2001) and the wells were abandoned. USEPA SWMU No. 20.

LTM is underway and will include NFA documentation.

CLEANUP/EXIT STRATEGY

An NFA-at this time (ATT) will be prepared for this site.

Site ID: POLK-08
Site Name: MILL CREEK LANDFILL

STATUS

Regulatory Driver: CERCLA

RRSE: HIGH

Contaminants of Concern: Metals, Pesticides, Volatiles (VOC)

Media of Concern: Groundwater, Sediment, Soil, Surface Water

Phases	Start	End
PA.....	198709.....	199005
SI.....	198709.....	199005
RI/FS.....	199501.....	199811
RD.....	199901.....	200006
IRA.....	200006.....	200403
RA(C).....	200403.....	200409
LTM.....	200410.....	203409

RIP Date: N/A

RC Date: 200409

SITE DESCRIPTION

POLK-08 [also known as MCL or SWMU17] is a closed landfill that is located in the Intensive Use Area of Fort Polk on Mill Creek Road. The entire site covers over 400 acres. A large portion of the landfill is now located within the boundaries of the ASP for Fort Polk. The landfill was operated from 1947 until 1986 and was used for the disposal of hazardous and nonhazardous wastes which included industrial, municipal, medical wastes and construction debris. A preliminary assessment (PA) and SI concluded that groundwater, surface water, soil, and sediment were contaminated with organics, pesticides, nitroaromatics and metals. In FY95 a Phase I RFI was conducted. A Phase II RFI was begun in March FY96. In FY99 a human health ecological risk assessment and CMS was completed and submitted to the LDEQ. The RFI results concluded that solvents and pesticides above the RECAP levels were present at many scattered areas on the site. In FY98 groundwater monitoring began. In FY00 all exposed debris was consolidated from AOCs and moved to a central location to be capped. The remedial design (RD) was completed in FY00. The remedy was to construct an engineered cover system eliminates the risk to human health In FY04 the RA, which involved capping the 32 acres, was initiated and RIP was achieved in FY2004. The engineered cap consists of a drainage system covered by impermeable synthetic fabric. The synthetic fabric is covered with a clay cap, topsoil, and a thick grass cover.

In accordance with LDEQ guidance, two groundwater monitoring wells are sampled semiannually and 10 wells are sampled annually. The landfill is surveyed periodically to determine if settling of the contents has occurred. Maintenance and upkeep at the site includes grass mowing, seeding, fertilizing, erosion control, repairs to fences and access roads.

CLEANUP/EXIT STRATEGY

The site is currently under LTM, which is scheduled to continue through FY34.

Site ID: POLK-11

Site Name: CONSTRUCTION MATERIAL DISPOSAL AREA

STATUS

Regulatory Driver: CERCLA
RRSE: HIGH
 Contaminants of Concern: Metals
 Media of Concern: Surface Water

Phases	Start	End
PA.....	198709.....	199005
SI.....	198709.....	199005
RI/FS.....	199502.....	199912
RD.....	200008.....	200109
RA(C).....	200101.....	200211
RA(O).....	200301.....	200709
LTM.....	200710.....	203409
RIP Date: 200301		
RC Date: 200709		

SITE DESCRIPTION

POLK-11 (aka construction material disposal area or CDL) is a closed landfill. This former construction debris disposal site of approximately 20 acres is located less than one-half mile east of MCL (POLK-08). It is designated as SWMU 21. The landfill was used to dispose of debris from construction and demolition activities at the installation during the 1970s, but there are no reports of hazardous materials being disposed of at the CDL. An RI Phase I began in February 1995. Analytical results indicated groundwater and soil contamination are present above regulatory limits. In June 1998 a Phase II RI was completed. A Phase II addendum was completed in June 1999 to investigate lead contamination in seep water. A management option (MO)-3 RECAP report was submitted to the LDEQ. The MO-3 report confirmed that there were metal impacts to surface water above LDEQ SSs. A decision document (DD) was prepared which identified drainage controls as the selected RA. In FY02 the LDEQ approved an RD.

Construction of seep controls was completed in FY04. A five-year review conducted in FY09 concluded that the seep management system is working as designed and the remedy selected remains protective of human health and the environment. The LTM phase is currently underway. LTM is scheduled to continue through FY34. A June 1999 RFI report identified two surface seeps along the northwestern edge of the landfill. The seep water was flowing into an intermittent tributary of the Whiskey Chitto Creek, which is located approximately 200 ft north of the seeps. A RECAP Assessment for the CDL determined that the constituents of the seeps (arsenic, iron, lead, and manganese) presented an environmental risk at the site due to metals impact to surface water.

The selected remedy identified in the DD for the site included construction of a collection/cut-off trench, a retention pond to control erosion, and two leach fields. This system is designed to collect runoff and seep water, channel back into the ground. The site achieved RIP in FY03. In the same year, quarterly sampling and analysis of the seep system began.

The selected RA required drainage controls to be installed at the site. The final design included construction of a collection/cut-off trench, a retention pond to control erosion, and two leach fields to distribute the runoff over a larger area. In accordance with LDEQ guidance samples are collected quarterly.

CLEANUP/EXIT STRATEGY

This site is under LTM until FY34.

Site ID: POLK-17

Site Name: ORIGINAL FIREFIGHTER TRAINING AREA

STATUS

Regulatory Driver: RCRA

RRSE: LOW

Contaminants of Concern: Petroleum, Oil and Lubricants (POL)

Media of Concern: Groundwater

Phases	Start	End
RFA.....	198709.....	199005
CS.....	198709.....	199005
RFI/CMS.....	199502.....	200109
LTM.....	201109.....	201403

RIP Date: N/A

RC Date: 200109

SITE DESCRIPTION

This site consisted of two abandoned burn pits and a former drum storage area surrounded by a low berm. The site, approximately 200 by 400 ft in size, was located north of Michigan Avenue in the 4500 Block of South Fort Polk. Fuel was placed on the ground inside the burn pits, ignited and extinguished. The drum storage area was used for interim storage of containers of waste POL and contaminated fuels. An RFI Phase I (June 1997) indicated contamination of groundwater slightly above action levels. The MO-3 RECAP Assessment indicated no need for further action. USEPA SWMU No. 42

LTM is underway and will include NFA documentation.

CLEANUP/EXIT STRATEGY

An NFA-ATT will be prepared for this site.

Site ID: POLK-18
Site Name: FORMER FIRE TRAINING PIT

STATUS

Regulatory Driver: RCRA

RRSE: LOW

Contaminants of Concern: Volatiles (VOC)

Media of Concern: Groundwater, Soil

Phases	Start	End
RFA.....	198709.....	199005
CS.....	198709.....	199407
RFI/CMS.....	199502.....	200109
LTM.....	201109.....	201403

RIP Date: N/A

RC Date: 200109

SITE DESCRIPTION

Polk 18 (USEPA SWMU No. 38), the Former Fire Training Pit, is a 50 ft diameter unlined pad which was formerly located northwest of the Fort Polk Army Airfield, near Bldg. 4367. Fuel was floated on water, ignited and extinguished. The RI Phase I results indicated groundwater and soil contamination above action levels. Phase II (RFI) sampling results indicated concentrations in the soil below RECAP levels; however, proximity to streams required a MO-3 (full risk assessment). The RECAP assessment was completed in 2001. A CMS, suggesting NFA, was completed in FY01.

LTM is underway and will include NFA documentation.

CLEANUP/EXIT STRATEGY

An NFA-ATT will be prepared for this site.

Site ID: POLK-21

Site Name: FORMER BURNING GROUND

STATUS

Regulatory Driver: RCRA

RRSE: MEDIUM

Contaminants of Concern: Explosives

Media of Concern: Groundwater, Soil

Phases	Start	End
RFA.....	198709.....	198803
CS.....	198709.....	198803
RFI/CMS.....	199502.....	200109
IRA.....	199709.....	199805
LTM.....	201109.....	201403

RIP Date: N/A

RC Date: 200109

SITE DESCRIPTION

Polk-21 (USEPA SWMU No. 8) included several former burning pits located 0.5 miles southwest of MCL (POLK-08). Pieces of ordnance scrap (primarily mortar shells) and unexploded ordnance were scattered in and around the pits. The RFI Phase I (June 1997) analytical results indicated minimal groundwater and soil contamination. An IRA was completed in 1997, the pits were dewatered and backfilled flush to grade. Monitoring began in 1998. The RECAP Assessment required a MO-3 (full risk assessment) and was awarded June 1999. The risk assessment indicated no future action needed as long as the cover is maintained.

LTM is underway and will include NFA documentation.

CLEANUP/EXIT STRATEGY

An NFA-ATT will be prepared for this site.

Site ID: POLK-22
Site Name: K AVENUE MOGAS SITE

STATUS

Regulatory Driver: RCRA

RRSE: MEDIUM

Contaminants of Concern: Volatiles (VOC)

Media of Concern: Groundwater, Soil

Phases	Start	End
RFA.....	198909.....	199002
CS.....	198909.....	199002
RFI/CMS.....	199502.....	200109
IRA.....	199805.....	199806
LTM.....	201109.....	201403

RIP Date: N/A

RC Date: 200109

SITE DESCRIPTION

Polk-22 (USEPA AOC No. 2), the motor gasoline (MOGAS) storage site, was located on the eastern side of K Avenue at North Fort Polk, across from a motor pool area approximately 50 yards from a tributary of Whiskey Chitto Creek. The site was the location of an above ground fuel storage tank, piping, pump house, and a dispenser island. The fuel system was installed in the early-1940s. The above ground storage (AST) tank, associated structures and contaminated soil were removed in August 1993. Site investigations determined that groundwater and soil contamination had occurred. Soil and debris removal (IRA) was completed in March 1998. Monitoring began in 1998. Monitoring and erosion controls were funded in FY99 as an IRA.

LTM is underway and will include NFA documentation.

CLEANUP/EXIT STRATEGY

An NFA-ATT will be prepared for this site.

Site ID: POLK-23

Site Name: DEH, PAINT BOOTH AND PAINT WASTE SAPS

STATUS

Regulatory Driver: RCRA

RRSE: LOW

Contaminants of Concern: Semi-volatiles (SVOC)

Media of Concern: Soil

Phases	Start	End
RFA.....	199408.....	199409
CS.....	199509.....	199511
RFI/CMS.....	199503.....	199902
LTM.....	201109.....	201403

RIP Date: N/A

RC Date: 199902

SITE DESCRIPTION

POLK-23 (USEPA SWMU No. 32) is a former Directorate of Engineering and Housing (DEH) paint booth and paint waste satellite accumulation point (SAP) located in the 3300 Block, South Fort Polk cantonment area. The former paint booth consisted of an enclosed area that was about 20 ft by 20 ft, and an aeration tank. The booth was composed of smooth, plastic coated walls and ceiling, and had a concrete floor that sloped to the rear of the booth. The aeration tank was located at the rear of the booth. The SAP consisted of an area of 55-gallon drums used to collect unused paints, used paint thinners, used paint brushes, and cleaning rags. A RFI was completed in June of 1997. The Risk Evaluation indicated a need for an ecological evaluation. The ecological risk assessment has been submitted to the LDEQ for review and comment. NFA is expected.

LTM is underway and will include NFA documentation.

CLEANUP/EXIT STRATEGY

An NFA-ATT will be prepared for this site.

Site Closeout (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
Bldg 7602	Chemical Agent Area	200904	Time Critical Removal Action Report, 25 June 2009
POLK-01	HAZ WASTE CONTAINER STORAGE (BLDG 4053)	198803	The site is operational and not eligible at this time for ER,A funding. Because this site is still active, no further action is required under the IRP
POLK-02	DOL SOLVENT WASTE STORAGE AREA	200109	Site closure documentation was submitted to the LDEQ in April 2003. Still under review.
POLK-03	SOUTH FORT POLK WASTEWATER LAGOON	199902	Site closure documentation was submitted to the LDEQ in April 2003. NFA-ATT granted 19 October 2009.
POLK-04	NORTH TANK PREWASH FAC LAGOONS	199005	The site is operational and not eligible at this time for ER,A funds. No further action is required under the IRP.
POLK-05	SOUTH TANK PREWASH FAC LAGOONS	199005	The site is operational and not eligible at this time for ER,A funding. No further action is required under the IRP.
POLK-06	RANGE 23A CHEMICAL AGENT BURIAL SITE	200109	Site Closure documentation was submitted to the LDEQ in April 2003. NFA-ATT granted on 8 July 2003.
POLK-09	LANDFILL-CHAFFEE ROAD	201303	This site was determined to be not eligible for DERA. Moved to CC program
POLK-10	SLUDGE LANDFARM Chaffee Road	199005	Approval to terminate permit P-0070 21 March 2012.
POLK-12	S FORT STP	199005	The site is operational and not eligible for ER,A funds at this time.
POLK-13	N FORT STP	199005	The site is operational and not eligible for ER,A funds at this time.
POLK-16	DEMO AREA, EOD (45TH)	199005	The site is operational and not eligible for ER,A funds at this time.
POLK-19	DOL STEAM CLEAN WASHRACK DISCHARGE	199005	This site is operational and not eligible for ER,A funding.
POLK-20	BATTERY SHOP DISCHARGE	199005	This site is an operational motor pool and not eligible for ER,A funding.
POLK-24	FORMER AMMO SUPPLY POINT	200409	A draft Final MO-3 RECAP assessment has been submitted to the LDEQ. Pending approval.

IRP Schedule

Date of IRP Inception: 198709

Past Phase Completion Milestones

1988

PA (POLK-01 - HAZ WASTE CONTAINER STORAGE (BLDG 4053))
 CS (POLK-21 - FORMER BURNING GROUND)
 SI (POLK-01 - HAZ WASTE CONTAINER STORAGE (BLDG 4053))
 RFA (POLK-21 - FORMER BURNING GROUND)

1990

PA (POLK-02 - DOL SOLVENT WASTE STORAGE AREA , POLK-08 - MILL CREEK LANDFILL, POLK-11 - CONSTRUCTION MATERIAL DISPOSAL AREA, POLK-19 - DOL STEAM CLEAN WASHRACK DISCHARGE)
 RFA (POLK-03 - SOUTH FORT POLK WASTEWATER LAGOON, POLK-04 - NORTH TANK PREWASH FAC LAGOONS, POLK-05 - SOUTH TANK PREWASH FAC LAGOONS, POLK-06 - RANGE 23A CHEMICAL AGENT BURIAL SITE, POLK-07 - BAYOU ZOURIE LANDFILL, POLK-09 - LANDFILL-CHAFFEE ROAD, POLK-10 - SLUDGE LANDFARM Chaffee Road, POLK-12 - S FORT STP, POLK-13 - N FORT STP, POLK-16 - DEMO AREA, EOD (45TH), POLK-17 - ORIGINAL FIREFIGHTER TRAINING AREA, POLK-18 - FORMER FIRE TRAINING PIT, POLK-20 - BATTERY SHOP DISCHARGE, POLK-22 - K AVENUE MOGAS SITE)
 SI (POLK-02 - DOL SOLVENT WASTE STORAGE AREA , POLK-08 - MILL CREEK LANDFILL, POLK-11 - CONSTRUCTION MATERIAL DISPOSAL AREA, POLK-19 - DOL STEAM CLEAN WASHRACK DISCHARGE)
 CS (POLK-03 - SOUTH FORT POLK WASTEWATER LAGOON, POLK-04 - NORTH TANK PREWASH FAC LAGOONS, POLK-05 - SOUTH TANK PREWASH FAC LAGOONS, POLK-06 - RANGE 23A CHEMICAL AGENT BURIAL SITE, POLK-07 - BAYOU ZOURIE LANDFILL, POLK-09 - LANDFILL-CHAFFEE ROAD, POLK-10 - SLUDGE LANDFARM Chaffee Road, POLK-12 - S FORT STP, POLK-13 - N FORT STP, POLK-16 - DEMO AREA, EOD (45TH), POLK-17 - ORIGINAL FIREFIGHTER TRAINING AREA, POLK-20 - BATTERY SHOP DISCHARGE, POLK-22 - K AVENUE MOGAS SITE)

1991

RFI/CMS (POLK-03 - SOUTH FORT POLK WASTEWATER LAGOON)

1992

DES (POLK-03 - SOUTH FORT POLK WASTEWATER LAGOON)

1994

CS (POLK-18 - FORMER FIRE TRAINING PIT)
 CMI(C) (POLK-03 - SOUTH FORT POLK WASTEWATER LAGOON)
 RFA (POLK-23 - DEH, PAINT BOOTH AND PAINT WASTE SAPS)

1996

CS (POLK-23 - DEH, PAINT BOOTH AND PAINT WASTE SAPS)

1998

IRA (POLK-06 - RANGE 23A CHEMICAL AGENT BURIAL SITE, POLK-21 - FORMER BURNING GROUND, POLK-22 - K AVENUE MOGAS SITE)

1999

LTM (POLK-03 - SOUTH FORT POLK WASTEWATER LAGOON)
 RFI/CMS (POLK-23 - DEH, PAINT BOOTH AND PAINT WASTE SAPS)
 PA (POLK-24 - FORMER AMMO SUPPLY POINT)
 RI/FS (POLK-08 - MILL CREEK LANDFILL)

2000

SI (POLK-24 - FORMER AMMO SUPPLY POINT)
 RI/FS (POLK-02 - DOL SOLVENT WASTE STORAGE AREA , POLK-11 - CONSTRUCTION MATERIAL DISPOSAL AREA)
 RD (POLK-02 - DOL SOLVENT WASTE STORAGE AREA , POLK-08 - MILL CREEK LANDFILL)

2001

RD (POLK-11 - CONSTRUCTION MATERIAL DISPOSAL AREA)

IRP Schedule

RFI/CMS	(POLK-06 - RANGE 23A CHEMICAL AGENT BURIAL SITE, POLK-07 - BAYOU ZOURIE LANDFILL, POLK-17 - ORIGINAL FIREFIGHTER TRAINING AREA, POLK-18 - FORMER FIRE TRAINING PIT, POLK-21 - FORMER BURNING GROUND, POLK-22 - K AVENUE MOGAS SITE)
RA(C)	(POLK-02 - DOL SOLVENT WASTE STORAGE AREA)
2003	
RA(C)	(POLK-11 - CONSTRUCTION MATERIAL DISPOSAL AREA)
RI/FS	(POLK-24 - FORMER AMMO SUPPLY POINT)
2004	
RA(C)	(POLK-08 - MILL CREEK LANDFILL)
IRA	(POLK-08 - MILL CREEK LANDFILL)
2007	
RA(O)	(POLK-11 - CONSTRUCTION MATERIAL DISPOSAL AREA)
2009	
PA	(Bldg 7602 - Chemical Agent Area)
RA(C)	(Bldg 7602 - Chemical Agent Area)

Projected Phase Completion Milestones

See attached schedule

Projected Record of Decision (ROD)/Decision Document (DD) Approval Dates


Site ID	Site Name	ROD/DD Title	ROD/DD Date
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Final RA(C) Completion Date: 200904

Schedule for Next Five-Year Review: 2014

Estimated Completion Date of IRP at Installation (including LTM phase): 203409

FORT POLK IRP Schedule

 = phase underway

SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
POLK-07	BAYOU ZOURIE LANDFILL	LTM						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
POLK-08	MILL CREEK LANDFILL	LTM						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
POLK-11	CONSTRUCTION MATERIAL DISPOSAL AREA	LTM						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
POLK-17	ORIGINAL FIREFIGHTER TRAINING AREA	LTM						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
POLK-18	FORMER FIRE TRAINING PIT	LTM						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
POLK-21	FORMER BURNING GROUND	LTM						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
POLK-22	K AVENUE MOGAS SITE	LTM						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
POLK-23	DEH, PAINT BOOTH AND PAINT WASTE SAPS	LTM						

FORT POLK
Army Defense Environmental Restoration Program
Military Munitions Response Program

MMRP Summary

Installation Total Army Environmental Database-Restoration (AEDB-R) Sites/Closeout Sites Count: 11/8

Installation Site Types with Future and/or Underway Phases

3 Small Arms Range
(POLK-001-R-01, POLK-003-R-01, POLK-004-R-01)

Most Widespread Contaminants of Concern

Munitions and explosives of concern (MEC), Munitions constituents (MC)

Media of Concern

Groundwater, Soil

Completed Remedial Actions (Interim Remedial Actions/ Final Remedial Actions (IRA/FRA))

Site ID	Site Name	Action	Remedy	FY
N/A				

Duration of MMRP

Date of MMRP Inception 200206

Estimated Date for Remedy-In-Place (RIP)/Response Complete (RC): 201409/201409

Date of MMRP completion including Long Term Management (LTM): 201409

MMRP Contamination Assessment

Contamination Assessment Overview

Nine Military Munitions Response Program (MMRP) sites have been identified at Fort Polk. Two sites (POLK-006-R-01 and POLK-008-R-01) were later determined to be ineligible for the MMRP. Initial SIs were conducted at each of the remaining seven closed ranges in 2008. Munitions debris (MD) and MCs were found at three of the sites during the SI. No evidence of MCs, MD, or contaminants was found at the other four MMRP sites. The RIs have been completed at each site with the FS planned for FY14 at the three sites where debris was found.

Cleanup Exit Strategy

For the three MMRP sites where debris was found, an FS will be prepared for each site to determine future actions.

MMRP Previous Studies

	Title	Author	Date
2002	Final US Army Closed, Transferring and Transferred Range/Site Inventory for Fort Polk and Peason Ridge, Louisiana	Engineering-Environmental Management, Inc., Englewood, CO	NOV-2002
2007	Final Historical Records Review, Fort Polk, Louisiana	Engineering-Environmental Management, Inc., Englewood, CO	SEP-2007
	Final Military Munitions Response Program Historical Records Review	Engineering-Environmental Management, Inc., Englewood, CO	SEP-2007
2008	WORK PLAN - MMRP - MRS SITE INSPECTION	Engineering-Environmental Management, Inc., Englewood, CO	MAR-2008
	Stakeholder Draft - Site Investigation Report	Engineering-Environmental Management, Inc., Englewood, CO	AUG-2008
2009	Final Site Inspection Report, Military Munitions Response Program Fort Polk, LA	Engineering-Environmental Management, Inc., Englewood, CO	JUL-2009
2010	Explosives Site Plan- MMRP Remedial Inv/Characterization Action	URS, Omaha, NE	SEP-2010
	Final Project Management Plan MMRP Remedial Investigations	URS, Omaha, NE	NOV-2010
	Final Community Relations Plan MMRP Remedial Investigations	URS, Omaha, NE	NOV-2010
2012	Final Work Plan, MMRP Remedial Investigations	URS, Omaha, NE	FEB-2012
2013	Final Remedial Investigation Report, MMRP Remedial Investigations	URS, Omaha, NE	JAN-2013

FORT POLK
Military Munitions Response Program
Site Descriptions

Site ID: POLK-001-R-01
Site Name: CASTOR 5 TRAINING AREA A

STATUS

Regulatory Driver: CERCLA

MRSP Score: 05

Contaminants of Concern: Munitions and explosives of concern (MEC), Munitions constituents (MC)

Media of Concern: Groundwater, Soil

Phases	Start	End
PA.....	200206.....	200305
SI.....	200602.....	200907
RI/FS.....	200911.....	201409

RIP Date: N/A

RC Date: 201409

SITE DESCRIPTION

POLK-001-R-01 (aka Castor 5 Training Area A) is a 511-acre site which is a former military range located in the northwest corner of Fort Polk. The site is a munitions response site (MRS). MD was found at the site during the site investigation in 2008. An Historical Records Review (HRR) was conducted in 2007. The MRS was a block training area with a period of use between 1941 and 1980. It is identified on historical maps as Castor 5 Training Area.

Fort Polk range control personnel reported that the use of munitions and ordnance on block training areas was limited to small arms blank ammunition and pyrotechnics. An SI final report was completed in July 2009. At the beginning of the SI, the site covered a total of 908 acres. A residential development to the north named Maple Terrace subdivision was included in the original footprint. Extensive site excavation and grading occurred during construction of the housing development. During the SI, no evidence of MD and MEC, or MC was found in the residential subdivision portion of the MRS. The SI recommended that the housing development be removed from the MRS footprint. The 397 acres of residential area was segregated from the MRS and renamed POLK-001-R-02 (Castor 5 Area B).

CLEANUP/EXIT STRATEGY

The RI/FS phase is underway. An FS will be prepared to determine future actions at this site.

Site ID: POLK-003-R-01

Site Name: Mill Creek 1,2 & 3 Training Area A

STATUS

Regulatory Driver: CERCLA

MRSP Score: 05

Contaminants of Concern: Munitions and explosives of concern (MEC), Munitions constituents (MC)

Media of Concern: Groundwater, Soil

Phases	Start	End
PA.....	200206.....	200305
SI.....	200602.....	200907
RI/FS.....	200911.....	201409

RIP Date: N/A

RC Date: 201409

SITE DESCRIPTION

POLK-003-R-01 (aka Mill Creek 1,2,3 Training Area A) is a 73-acre site which is a former military range. The site is an MRS.

MD was found at the site during the site investigation in 2008. An HRR was conducted in 2007. The MRS was a block training area with a period of use between 1941 and 1980. The MRS is identified on historical maps as Mill Creek 1,2,3 training areas.

Fort Polk range control personnel report that munitions use on this training area consisted of small arms blank ammunition, artillery firing points and pyrotechnics. It was used as a training and maneuver area. Firing points and/or impact areas existed, but their exact location is not known. The exact type and frequency of training at the MRS is unknown. In 1989 the current ASP was constructed on 411 acres of the MRS. Because active ASPs are not eligible for inclusion in the MMRP, the ASP footprint was removed.

An SI final report was completed in July 2009. At the beginning of the SI, the site covered a total of 783 acres. During the SI, no evidence of MD, MEC, or MC was found in the western portion of the site. The SI recommended that this western portion be removed from the MRS footprint. The 338 acres were segregated from the MRS and renamed POLK-001-R-02 (Castor 5 Area B). In 1989 the current ASP was constructed on 372 acres of the MRS. Because active ASPs are not eligible for inclusion in the MMRP, the ASP footprint was removed. The removal of the western portion and the ASP footprint resulted in the MRS area reduction to 73 acres. This area (renamed Mill Creek 1,2,3 Training Area A) was recommended for further investigation in the SI.

CLEANUP/EXIT STRATEGY

The RI/FS phase is underway. An FS will be prepared to determine future actions at this site.

Site ID: POLK-004-R-01
Site Name: BLUE HOLE REC AREA

STATUS

Regulatory Driver: CERCLA

MRSP Score: 05

Contaminants of Concern: Munitions and explosives of concern (MEC), Munitions constituents (MC)

Media of Concern: Groundwater, Soil

Phases	Start	End
PA.....	200206.....	200305
SI.....	200602.....	200907
RI/FS.....	200911.....	201409

RIP Date: N/A

RC Date: 201409

SITE DESCRIPTION

POLK-004-R-01 (aka Blue Hole Recreation Area) MRS is located in the Kiskatchie National Forest. The site is a MRS. It was leased from the USFS during its use as a range. An HHR was conducted in 2007. An SI final report was completed in July 2009. MD was found at the site during the site investigation. The MRS was used as a block training area and as a fording/swim site for tanks and a float bridge training area with a period of use between 1941 and 1980. Fort Polk range control personnel report that munitions used on the range included small arms blank ammunition, pyrotechnics, smokes, and obscurants.

CLEANUP/EXIT STRATEGY

The RI/FS phase is underway. An FS will be prepared to determine future actions at this site.

Site Closeout (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
POLK-001-R-02	Castor 5 Training Area B	200907	The 2009 site investigation report recommended this northeastern residential area of the original Castor 5 footprint for No Further Action because no evidence of munitions and explosives of concern (MEC) and no evidence of munitions constituents (MC) were discovered.
POLK-002-R-01	BIVOUAC AND MANEUVER AREA	200907	The 2009 site investigation report recommended this site for No Further Action because no evidence of MEC and no evidence of MC was discovered and no known or suspected hazard exists at the site.
POLK-003-R-02	Mill Creek 1,2, & 3 Training Area B	200904	The 2009 site investigation report recommended this western portion of the Original MCL 1,2,3 footprint for No Further Action because no evidence of MEC and no evidence of MC was discovered.
POLK-005-R-01	LUA CYPRESS AND LONGLEAF	200907	The 2009 site investigation report recommended this site for No Further Action because no evidence of MEC was discovered and no known or suspected hazard exists at the site.
POLK-006-R-01	LUA COOTERS BOG	200305	Site is an operational range and therefore is ineligible for the MMRP (Ref. FDE Report, July 2004).
POLK-007-R-01	NATIONAL CEMETERY	200907	The 2009 site investigation report recommended this site for No Further Action because no evidence of MEC or MC was discovered and no known or suspected hazard exists at the site.
POLK-008-R-01	NORTHWESTERN STATE UNIVERSITY	200407	Site has been found to be in the FUDS program and not eligible for the active installation MMRP.
POLK-009-R-01	FORMER ASP	200907	The 2009 site investigation report recommended this site for No Further Action because no evidence of MEC or MC was discovered and no known or suspected hazard exists at the site.

MMRP Schedule

Date of MMRP Inception 200206

Past Phase Completion Milestones

2003

PA (POLK-001-R-01 - CASTOR 5 TRAINING AREA A, POLK-001-R-02 - Castor 5 Training Area B, POLK-002-R-01 - BIVOUAC AND MANEUVER AREA, POLK-003-R-01 - Mill Creek 1,2 & 3 Training Area A, POLK-003-R-02 - Mill Creek 1,2, & 3 Training Area B, POLK-004-R-01 - BLUE HOLE REC AREA, POLK-005-R-01 - LUA CYPRESS AND LONGLEAF, POLK-006-R-01 - LUA COOTERS BOG, POLK-007-R-01 - NATIONAL CEMETERY, POLK-008-R-01 - NORTHWESTERN STATE UNIVERSITY, POLK-009-R-01 - FORMER ASP)

2009

SI (POLK-001-R-01 - CASTOR 5 TRAINING AREA A, POLK-001-R-02 - Castor 5 Training Area B, POLK-002-R-01 - BIVOUAC AND MANEUVER AREA, POLK-003-R-01 - Mill Creek 1,2 & 3 Training Area A, POLK-003-R-02 - Mill Creek 1,2, & 3 Training Area B, POLK-004-R-01 - BLUE HOLE REC AREA, POLK-005-R-01 - LUA CYPRESS AND LONGLEAF, POLK-007-R-01 - NATIONAL CEMETERY, POLK-009-R-01 - FORMER ASP)

Projected Phase Completion Milestones

See attached schedule

Projected Record of Decision (ROD)/Decision Document (DD) Approval Dates


To Be Determined




Final RA(C) Completion Date:

Schedule for Next Five-Year Review: 2014

Estimated Completion Date of MMRP at Installation (including LTM phase): 201409

FORT POLK MMRP Schedule

 = phase underway

SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
POLK-001-R-01	CASTOR 5 TRAINING AREA A	RI/FS						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
POLK-003-R-01	Mill Creek 1,2 & 3 Training Area A	RI/FS						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
POLK-004-R-01	BLUE HOLE REC AREA	RI/FS						

FORT POLK
Army Defense Environmental Restoration Program
Compliance Restoration

CR Summary

Installation Total Army Environmental Database-Restoration (AEDB-R) Sites/Closeout Sites Count: 11/0

Installation Site Types with Future and/or Underway Phases

7	Above Ground Storage Tank (CC2600-2700, CC3100-3200, CC3500-3600, CC3700, CCBLDG3401, CCBLdg7016, CCSWMU26)
1	Contaminated Ground Water (CCSWMU23)
1	Sewage Treatment Plant (CCBLdg8716)
2	Underground Storage Tank (CCBLdg1725, CCBLdg7199)

Most Widespread Contaminants of Concern

Light non-aqueous phase liquids (LNAPL), Metals, Petroleum, Oil and Lubricants (POL)

Media of Concern

Groundwater, Soil

Completed Remedial Actions (Interim Remedial Actions/ Final Remedial Actions (IRA/FRA))

Site ID	Site Name	Action	Remedy	FY
CCBLdg1725	Former AAFES Car Care Center	FRA	REMOVAL	2010
CCBLdg1725	Former AAFES Car Care Center	FRA	IN-SITU SOIL TREATMENT	2011
CCSWMU23	2600 Block VMU -SWMU 23A	FRA	NATURAL ATTENUATION	2012

Duration of CR

Date of CR Inception: 199306

Estimated Date for Remedy-In-Place (RIP)/Response Complete (RC): 201509/201608

Date of CR completion including Long Term Management (LTM): 201809

CR Contamination Assessment

Contamination Assessment Overview

Environmental restoration activities include the IRP and MMRP. On Dec. 29, 2008, the Office of the Deputy Under Secretary of Defense for Installations and Environment [ODUSD (I&E)] issued an interim policy for Defense Environmental Restoration Program (DERP) eligibility that rescinded the 1986 eligibility date for the IRP and the 2002 eligibility date for the MMRP. This made many sites previously addressed in the Army's Compliance-related Cleanup (CC) program eligible for the DERP. Sites that are now eligible for the MMRP have been migrated from Army Environmental Database - Compliance-related Cleanup (AEDB-CC) and given the naming convention of other munitions response (MR) sites. The newly eligible non-MR type sites are considered to be installation restoration (IR) sites; however, the newly eligible sites are being coded as compliance restoration (CR) in AEDB-R to distinguish them from the original IR sites and IR metrics.

In 1983, an installation assessment was conducted to determine past and then-current use of hazardous materials. The study focused on the potential for these substances to migrate off post. The assessment determined that movement of contaminants via surface or groundwater to areas outside of the installation was not evident. The USAEHA conducted an evaluation of potentially contaminated areas in 1987 and 1989.

In 1992, Fort Polk applied for a RCRA Subpart X permit. The Subpart X permit application was submitted to comply with RCRA generator requirements for treatment of waste ordnance material at Fort Polk's explosive ordnance disposal (EOD) range. In response to this permit application, the USEPA commissioned an RFA report in 1993, to document potentially impacted areas on Fort Polk. The RFA report identified 57 SWMUs and five AOCs. The Subpart X permit also regulates newly-identified SWMUs that were not evaluated in the initial RFA or installation wide RFI.

Based on the findings of the RFA, additional investigations were required for 31 SWMUs and two AOCs to determine if potentially hazardous constituents had been released into the environment. The Hazardous and Solid Waste Amendments Act of 1984 (HSWA) portion of the Subpart X operating permit identifies these SWMUs and AOCs and contains specific requirements for the corrective action process. Installation wide phase I RFI field activities were conducted in 1995, which included collection and analysis of soil and water samples from each identified SWMU. Installation wide phase II RFI activities were conducted at specified SWMUs in 1997 and 1999. The installation wide phase III RFI was completed in 2000, which included a RECAP assessment. Following the installation wide RFI, LDEQ has granted NFA ATT status to five SWMUs. A total of 17 sites are awaiting a NFA AAT determination by LDEQ. In 2010, four new sites were approved for preliminary SIs. All four of these sites were constructed as motor fuel units to support the war effort in 1941. The investigations will focus on former pump houses and fuel dispensing areas.

Fort Polk's CR program continues to provide management and execution of RAs and monitoring activities at SWMUs and AOCs in accordance with the Comprehensive Environment Response, Compensation and Liability Act (CERCLA), the Subpart X permit, and LDEQ RECAP requirements. The CR projects continue at Fort Polk in the following areas:

- SWMU 23 is under CMI(O) to monitor the effectiveness of a source removal action performed in FY09 and determine if future RAs will be required.

- SWMU 26 - The CMS was completed in FY13 with a design and implementation of a remedy to follow.

- Building 1725 - Source removal action was conducted in 2010. The IMP(O) phase began in 2011 and includes soil monitoring to determine the effectiveness of soil treatment.

- 3400 Block - A phase II RFI of the site is being conducted to lay groundwork for a CMS and design to be developed.

- Building 7016 - The site investigation was completed in 2011. A NFA is being prepared.

- Building 7199 - An investigation is being conducted.

- Building 8716 - An RFI was completed in 2011. D emolition of the digester and installation of monitoring wells are planned for FY13.

- Motor Fuel Units No. 1 and 2: This site is located in the 2600 and 2700 blocks of south Fort Polk. Each block had a tank farm with four 12,000 gallon ASTs. Fuel dispensing infrastructure consisted of filler boxes, a pump house, and remote areas with 13 fuel dispensing nozzles. Motor Fuel Units No. 1 and No. 2 are two of a set of seven fueling areas. An SI and IRA are currently underway.

CR Contamination Assessment

Contamination Assessment Overview

Motor Fuel Unit No. 4: This site is located in the 3100 and 3200 blocks of south Fort Polk. A tank farm with five 12,000 gallon ASTs was present. The fuel distribution network consisted of fill boxes, a pump house, fuel lines, and two fuel dispensing areas. The distribution piping leading from the pump house remains on-site. These fuel lines extend approximately 250 linear ft at the 3100 block and 250 ft at the 3200 block. An SI and IRA are currently underway.

-Motor Fuel Unit No. 6: This site is located in the 3500 and 3600 blocks of south Fort Polk. The site is identified on as-built drawings, dated 1941, as Motor Fuel Unit No. 6. The drawings show that there was a tank farm consisting of three 12,000 gallon ASTs. The fuel storage and distribution network consisted of fill boxes, a pump house, underground fuel lines, and two areas with fuel dispensing nozzles. Underground fuel lines extend approximately 900 linear ft at the 3500 block and 450 ft at the 3600 block. An SI and IRA are currently underway.

-Motor Fuel Unit No. 7: The site is located in the 3700 block of south Fort Polk. It is identified on as-built drawings, dated 1941, as Motor Fuel Unit No. 7. There was a tank farm with three 12,000 gallon ASTs at the site. The fuel storage and distribution network consisted of three fill boxes, a pump house, underground fuel lines, and two areas with fuel dispensing nozzles. The fuel lines extend approximately 700 ft at the site. An SI and IRA are currently underway.

The Fort Polk restoration program is proactive in identifying and investigating areas where potential contamination may exist. Should other sites be identified they will be systematically programmed for PA and future cleanup as required to obtain LDEQ approval for final closure.

Cleanup Exit Strategy

For sites CC2600-2700, CC3100-3200, CC3500-3600, CC3700, and CCBLDG3401: Complete the RI/FS to determine extent of contamination (if present) and cleanup to LDEQ RECAP standards. Use FS to determine projected costs to complete the project.

CCBldg1725: Monitoring of the soil for three years followed by site closeout activities.

CCBldg7016: An NFA-ATT will be prepared for this site.

CCBldg7199: Complete a CAP to determine RA.

CCBldg8716: Sludge removal and digester demolition followed by groundwater monitoring and site closeout.

CCSWMU23: Continued groundwater monitoring followed by site closeout activities.

CCSWMU26: Apply hydrogen peroxide to hydrocarbon impacted soils followed by groundwater monitoring to determine the effectiveness of the remedy.

CR Previous Studies

	Title	Author	Date
1996	CCSWMU23 and CCSWMU26 Phase I Installation-Wide SWMUs RFI	Radian International LLC	MAR-1996
1997	CCSWMU23 and CCSWMU26 RFI Interim Report Installation-Wide SWMUs	Radian International LLC	JAN-1997
1998	CCSWMU23 and CCSWMU26 Additional Investigation for Installation-Wide SWMUs Phase II RFI	Radian International LLC	SEP-1998
1999	Additional Investigations Report, Installation-Wide SWMUs 25A, 26, 27A, 41A	Radian International LLC	JUN-1999
	Activities for SWMU 26	Radian International LLC	NOV-1999
2004	CCSWMU23 and CCSWMU26 Corrective Measures Study	Radian International LLC	MAY-2004
2008	CCSWMU23 Corrective Measures Implementation Plan	URS Corporation	SEP-2008
	CCBldg3401 RFI Work Plan	URS Corporation	OCT-2008
2009	Final MO-2 RECAP Submittal AAFES Car Care Center Building 1725	URS, Baton Rouge, LA	JAN-2009
	Final Revised MO-2 RECAP Submittal AAFES Car Care Center Building 1725	URS, Baton Rouge, LA	JUL-2009
2010	Building 7016 Site Investigation Work Plan	URS, Baton Rouge, LA	MAY-2010
	Final MO-2 Corrective Action Plan AAFES Car Care Center / Building 1725	SpecPro Environmental Services, Oak Ridge, TN	SEP-2010
	Final Site Remedial Action Report Corrective Measures Implementation SWMU 23	SpecPro Environmental Services, Oak Ridge, TN	SEP-2010
	Final MO-2 Remedial Action Work Plan Corrective Measures Implementation AAFES Car Care Center / Building 1725	SpecPro Environmental Services, Oak Ridge, TN	SEP-2010
	Remedial Investigation Work plan CCbldg8716 Multi Digester at NFWWTP	JESCO, Jennings, LA	NOV-2010
	3400 Block Phase I Assessment	URS, Baton Rouge, LA	DEC-2010
2011	Groundwater Monitoring Report for November 2010 Corrective Measures Implementation Operations SWMU 23	SpecPro Environmental Services, LLC Oak Ridge, TN	FEB-2011
	3400 Block Phase II Remedial Investigation Work Plan	URS, Baton Rouge, LA	SEP-2011
	CCBLDG7199 Site Investigation Work Plan	URS, Baton Rouge, LA	SEP-2011
	Bldg 8716-Abandoned Digester Site Assessment and RECAP Evaluation Report Volumes 1,2 & 3	JESCO, Jennings, LA	NOV-2011
	Building 7016 RCRA Facility Investigation (RFI) Report and RECAP Evaluation	URS, Baton Rouge, LA	NOV-2011
2012			

CR Previous Studies

2012

Title

Author

Date

No Further Action Documentation Building 7016 CCBLDG7016-Cubic	URS, Baton Rouge, LA	DEC-2012
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FORT POLK
Compliance Restoration
Site Descriptions

Site ID: CC2600-2700
Site Name: Motor Fuel Units 1 & 2

STATUS

Regulatory Driver: CERCLA

Contaminants of Concern: Petroleum, Oil and Lubricants (POL), Volatiles (VOC)

Media of Concern: Groundwater, Soil

Phases	Start	End
PA.....	200810.....	201001
SI.....	201102.....	201303
RI/FS.....	201303.....	201509
IRA.....	201108.....	201401

RIP Date: N/A

RC Date: 201509

SITE DESCRIPTION

CC2600-2700 (aka Motor Fuel Units (MFU) 1 and 2) is located in both the 2600 and 2700 blocks of the South Fort Polk cantonment area. The sites lie west of Texas Avenue. It was originally constructed as a fueling area in the early-1940s. Based on historical narratives, fueling operations continued until approximately 1975. Fuel was delivered by railroad to the site. ASTs, pump houses, and distribution lines were located at the fueling site. The underground distribution lines led to two separate fueling sites, each with 13 fueling nozzles. All of the AST, pump houses and fueling islands have been removed or demolished. The site is currently being used as a vehicle maintenance facility.

The SI and IRA phases are underway. The media of concern are soil and groundwater. Possible sources of contamination at this MFU site include leakage from the distribution lines and operational fuel spills. Because the two sites are located in close proximity and their construction was very similar, both blocks have been combined into a single AEDB-R site. The 2600 block area is identified on as-built drawings, dated 1941, as MFU No. 1. The 2700 block area was identified as MFU No. 2. Each site had a tank farm consisting of four 12,000 gallon ASTs.

CLEANUP/EXIT STRATEGY

Complete the RI/FS to determine extent of contamination (if present). Use FS to determine future actions to complete the project.

Site ID: CC3100-3200
Site Name: Motor Fuel Unit No 4

STATUS

Regulatory Driver: CERCLA

Contaminants of Concern: Petroleum, Oil and Lubricants (POL), Volatiles (VOC)

Media of Concern: Groundwater, Soil

Phases	Start	End
PA.....	200810.....	201001
SI.....	201102.....	201303
RI/FS.....	201303.....	201509
IRA.....	201108.....	201401

RIP Date: N/A

RC Date: 201509

SITE DESCRIPTION

CC3100-3200 (aka MFU No. 4) straddles the 3100 and 3200 blocks of the south Fort Polk cantonment area. The site lies west of Texas Avenue. It was originally constructed as a fueling area in the early-1940s. Based on historical narratives, fueling operations continued until approximately 1975. Fuel was delivered by railroad to the site. The western portions of the site are currently being used as vehicle maintenance facilities. The remainder of the site is covered by grass and small trees.

The site is identified on as-built drawings and maps as MFU No. 4. The motor fuel unit consisted of three fill boxes, a pump house, five ASTs, four-inch underground fuel lines and two areas with fuel dispensing nozzles. At the north fueling site was a pump island with seven fueling nozzles. At the south fueling site was a pump island with five fueling nozzles. In 2005, a bulldozer unearthed and cut one of the fuel lines in the 3100 block. The line contained gasoline.

The SI and IRA phases are underway. The media of concern are soil and groundwater. The primary contaminant is fuels. The secondary contaminant is metals. Possible sources of contamination at this MFU site include leakage from the distribution lines and operational fuel spills.

CLEANUP/EXIT STRATEGY

Complete the RI/FS to determine extent of contamination (if present). Use FS to determine future actions to complete the project.

Site ID: CC3500-3600
Site Name: Motor Fuel Unit No. 6

STATUS

Regulatory Driver: CERCLA

Contaminants of Concern: Petroleum, Oil and Lubricants (POL), Volatiles (VOC)

Media of Concern: Groundwater, Soil

Phases	Start	End
PA.....	200810.....	201001
SI.....	201102.....	201303
RI/FS.....	201303.....	201509
IRA.....	201108.....	201401

RIP Date: N/A

RC Date: 201509

SITE DESCRIPTION

CC3500-3600 (aka MFU No. 6) is located in the 3500 and 3600 blocks of the south Fort Polk cantonment area. The site lies east of Texas Avenue, covering both sides of Illinois Avenue. It was originally constructed as a fueling area in the early-1940s. Based on historical narratives, fueling operations continued until approximately 1975. Fuel was delivered by railroad to the site. The southern portion of the site is currently being used as vehicle maintenance facilities. The remainder of the site is covered by grass.

The site is identified on historic maps as MFU No. 8. The motor fuel unit consisted of three fill boxes, a pump house, three 12,000-gallon ASTs, and underground fuel lines leading to two separate refueling areas. The northern refueling area was located in the middle of the 3500 block. The southern fueling area is in the eastern section of the 3600 block.

The SI and IRA phases are underway. The media of concern are surface soil and groundwater. Possible sources of contamination at this MFU site include leakage from the distribution lines and operational fuel spills.

CLEANUP/EXIT STRATEGY

Complete the RI/FS to determine extent of contamination (if present). Use FS to determine future actions to complete the project.

Site ID: CC3700
Site Name: Motor Fuel Unit No. 7

STATUS

Regulatory Driver: CERCLA

Contaminants of Concern: Petroleum, Oil and Lubricants (POL), Volatiles (VOC)

Media of Concern: Groundwater, Soil

Phases	Start	End
PA.....	200810.....	201001
SI.....	201102.....	201303
RI/FS.....	201303.....	201509
IRA.....	201108.....	201401

RIP Date: N/A

RC Date: 201509

SITE DESCRIPTION

CC3700 (aka MFU No. 7) is located in the 3700 block of the south Fort Polk cantonment area. The site lies east of Texas Avenue. It was originally constructed as a fueling area in the early-1940s. Based on historical narratives, fueling operations continued until approximately 1975. Fuel was delivered by railroad to the site. The western portion of the site is currently being used as a vehicle maintenance facility. The remainder of the site is covered by grass.

The site is identified on historic maps as MFU No. 7. The motor fuel unit consisted of three fill boxes, a pump house, three 12,000-gallon ASTs, and underground fuel lines leading to a refueling area.

The SI and IRA phases are currently underway. The media of concern are soil and groundwater. Possible sources of contamination at this MFU site include leakage from the distribution lines and operational fuel spills.

CLEANUP/EXIT STRATEGY

Complete the RI/FS to determine extent of contamination (if present). Use FS to determine future actions to complete the project.

Site ID: CCBLDG3401

Site Name: BLDG 3401 Former AST and Pumphouse Area

STATUS

Regulatory Driver: RCRA

Contaminants of Concern: Light non-aqueous phase liquids (LNAPL), Semi-volatiles (SVOC), Volatiles (VOC)

Media of Concern: Groundwater, Soil

Phases	Start	End
RFA.....	199306.....	199308
CS.....	199404.....	199910
RFI/CMS.....	200709.....	201409

RIP Date: N/A

RC Date: 201409

SITE DESCRIPTION

CCBLDG3401 is located in the 3400 block of south Fort Polk, on the west side of Texas Avenue. The site is identified on historic maps (as-built drawings) as MFU No. 5. This site was identified for corrective action measures under the HSWA of RCRA Subpart X Operating Permit No. LA 0124022725-OP-RN-1. The motor fuel unit consisted of three fill boxes, a pump house, four 12,000-gallon ASTs, four-inch underground fuel lines and two areas with fuel dispensing nozzles. At the north fueling site was a pump island with three fueling nozzles, at the central fueling site was a pump island with five fueling nozzle, and at the south fueling site was a pump island with four fueling nozzles. A Phase I RFI was completed in 2010. Significant POL impacts were found. A Phase II RFI is underway as of this writing to delineate the nature and extent of contamination.

The environmental concern is the risk to surface water and groundwater. The primary media of concern is soil contamination. The secondary media of concern is groundwater contamination. The primary constituents of concern are fuel components such as total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene and xylene (BTEX), diesel range organics (DRO) and polycyclic aromatic hydrocarbons (PAH). Secondary constituents of concern are metals. The site is currently used as a very active industrial maintenance area and has a fence surrounding it.

CLEANUP/EXIT STRATEGY

Complete the RI/FS to determine extent of contamination (if present). Use FS to determine future actions to complete the project.

Site ID: CCBldg1725

Site Name: Former AAFES Car Care Center

STATUS

Regulatory Driver: RCRA

Contaminants of Concern: Volatiles (VOC)

Media of Concern: Soil

Phases	Start	End
ISC.....	200802.....	200803
DES.....	200810.....	201001
IMP(C).....	201001.....	201011
IMP(O).....	201012.....	201509

RIP Date: 201012

RC Date: 201509

SITE DESCRIPTION

CCBldg1725 Army Air Force Exchange Service (AAFES) Car Care Center is located in the 1700 Block of the South Fort Polk cantonment area. The site lies in the median of the boulevard formed by Alabama and Georgia Avenues, one block north of their intersection with Louisiana Avenue. Between 1950 and 2006 the AAFES operated a convenience store / service station at the site. A fuel distribution network of underground storage tanks (USTs), underground pipes and fuel dispensers were present at the site. A separate building (B-1726) was used as a garage for auto repair and maintenance. New USTs were installed at the site in 1998. Fueling operations were halted in 2006 and the newer USTs were removed without incident. All buildings have been demolished and the site is now a vacant piece of land.

The regulatory driver for this site is RCRA-I. In 1997, two 4,000 gallon and three 10,000 gallon USTs were closed-in-place in the west boundary of the site, under Alabama Avenue. There are no fences at the site.

Soil sampling after UST removal confirmed that residual hydrocarbons were present above RECAP limits. SI results concluded that surface and subsurface contaminants existed at the site. An area of contaminated surface soil measuring 80 ft by 60 ft by 15 ft deep was excavated and hauled off-site in November 2010. The soil at the bottom of the excavation was treated with oxygen release compound (ORC-Advanced) before being backfilled. The site will require semiannual monitoring for xylene contamination in the subsurface soil.

Reports completed and submitted to the LDEQ include the tank excavation assessment report in 2008, an MO-2 RECAP submittal 2009, a reply to notice of deficiencies, an amended MO-2 RECAP submittal in 2009, an additional investigation report in 2010, an updated MO-2 RECAP submittal in 2010, a final corrective measures implementation (CMI) report in 2011, and a monitoring work plan in 2011.

The IMP(O) phase began in FY11 and is anticipated to be completed in FY15.

CLEANUP/EXIT STRATEGY

The concentration of xylenes in subsurface soil will be monitored. LTM will consist of site closeout activities and preparation of a site closeout report.

STATUS

Regulatory Driver: RCRA

Contaminants of Concern: Petroleum, Oil and Lubricants (POL), Volatiles (VOC)

Media of Concern: Soil

Phases	Start	End
RFA.....	200712.....	200712
RFI/CMS.....	200810.....	201111
LTM.....	201112.....	201402

RIP Date: N/A

RC Date: 201111

SITE DESCRIPTION

The regulatory driver for this site is RCRA-C. The media of concern are surface soil and groundwater contamination. Possible sources of contamination at this MFU site include leakage from the distribution lines and operational fuel spills. The refueling area has been covered with several feet of gravel and limestone. The site is currently used as a parking area and is not fenced.

In 2007 a PA found petroleum impacts above LDEQ RECAP standards in surface soil. The RI final report concluded that no further RA will be needed at the site. RECAP calculations using soil/groundwater data and site-specific parameters showed that the impacts were below LDEQ standards. No groundwater monitoring wells are required.

The LTM phase is currently underway. An NFA request is being prepared for submittal to the LDEQ.

CLEANUP/EXIT STRATEGY

An NFA-ATT will be prepared for this site.

Site ID: CCBldg7199
Site Name: North Fort Fire Department

STATUS

Regulatory Driver: RCRA

Contaminants of Concern: Petroleum, Oil and Lubricants (POL), Volatiles (VOC)

Media of Concern: Groundwater, Soil

Phases	Start	End
ISC.....	200712.....	200712
INV.....	200908.....	201309
CAP.....	201310.....	201409

RIP Date: N/A

RC Date: 201409

SITE DESCRIPTION

CCBldg7199 [aka North Fort Fire Department (NFFD)] is located in the north Fort Polk cantonment and is situated southwest of the intersection of North Fort Entrance Road and C Avenue. The site was formerly a convenience store/service station operated by the AAFES between 1950 and 1993. Three 10,000-gallon USTs were removed in 1994. The USTs were used to store gasoline.

A fuel distribution network of USTs, underground pipes and fuel dispensers were present at the site. Fueling operations were halted in 1993 and the USTs were removed. Soil from the excavation was analyzed and found to be contaminated with BTEX. The soil was stockpiled at the site. A bioremediation treatment was performed which entailed placing three six-inch layers of soil on plastic. Each six-inch lift was treated with LFS-1 nutrient. The 18-inch piles were bioremediated for one month. Post-treatment samples were collected and lab results indicated that contamination was below LDEQ limits. The soil was used as backfill material and returned to its origin. Subsequently the tank pit was covered with concrete.

There are no fences at the site. The site is currently in use by the Fort Polk Fire Department as a fire station. The UST removal report indicated that residual hydrocarbons were present above LDEQ limits in effect at the time. An initial site characterization (ISC) completed in 2007 found petroleum impacts above LDEQ RECAP standards in surface soil. An investigation was completed in 2012 to further define the extent of impact to surface soils. This investigation found that benzene and xylene are present in the surface soils above LDEQ RECAP standards. A CAP will be required to determine future obligations at this site.

CLEANUP/EXIT STRATEGY

Complete the CAP to determine future actions to complete the project.

Site ID: CCBldg8716
Site Name: NFWWTP Digester

STATUS

Regulatory Driver: RCRA

Contaminants of Concern: Light non-aqueous phase liquids (LNAPL), Polycyclic Aromatic Hydrocarbons (PAH), Volatiles (VOC)

Media of Concern: Groundwater, Other (Demolition Debris), Sediment, Soil

Phases	Start	End
RFA.....	200806.....	200811
RFI/CMS.....	200906.....	201112
DES.....	201202.....	201306
IRA.....	201203.....	201406
CMI(C).....	201303.....	201406
LTM.....	201406.....	201411

RIP Date: N/A

RC Date: 201406

SITE DESCRIPTION

The CCBldg8716 [aka North Fort Wastewater Treatment Plant (NFWWTP)] digester is an anaerobic sludge digester located at the south end of F Avenue in the North Fort Polk cantonment area. The digester was constructed in 1941 to treat primary and secondary sludge at the NFWWTP. Upgrades to the digester have occurred periodically. The digester has been out of service since the 1970s. The structural integrity of the digester is deteriorating.

Bldg 8716 is a circular structure constructed with reinforced concrete. The integrity of the material was impacted by hydrogen sulfide gas, weathering and time. The environmental concern is the risk to surface water and groundwater. The digester is circular in shape; 38 ft tall and 64 ft in diameter. It is divided into two chambers, an upper and lower. The upper chamber is 14 ft tall and was used for aerobic sewage treatment. The lower chamber is sloped with an average height of 16 ft. The two chambers are separated by a 0.75 inch thick steel plate and nine inches of reinforced concrete. The digester is full of liquid. The amount of sludge at the bottom is unknown. In the RFI, the contents of the digester were sampled and analyzed. Soil and groundwater samples were collected from 15 borings in the immediate vicinity of the structure and analyzed for metals and multi-contaminants.

Hazardous waste characterization and other analyses were used to complete a hazardous waste determination of the digester contents. The CMI(C) phase will consist of the demolishing the digester and installing MWs. LTM will consist of groundwater monitoring being sampled and analyzed for multi-contaminants semiannually for a period of three years.

CLEANUP/EXIT STRATEGY

The LTM phase will include the abandonment of the five monitoring wells and site closure activities.

Site ID: CCSWMU23
Site Name: 2600 Block VMU -SWMU 23A

STATUS

Regulatory Driver: RCRA

Contaminants of Concern: Volatiles (VOC)

Media of Concern: Groundwater, Soil

Phases	Start	End
RFA.....	199306.....	199308
CS.....	199404.....	199910
RFI/CMS.....	200310.....	200409
DES.....	200709.....	200809
CMI(C).....	201012.....	201110
CMI(O).....	201011.....	201507

RIP Date: 201110

RC Date: 201507

SITE DESCRIPTION

CCSWMU 23 (2600 Block VMU-SWMUA), a Maintenance Unit is located in the 2600 block of the south Fort Polk cantonment area, northeast of the intersection of Georgia and Mississippi Avenues. SWMU 23A is an active vehicle maintenance area. The Army began operations as a military vehicle maintenance unit and storage area around 1950. The maintenance area is fenced and is overlain by concrete. The area of interest is grass covered and lies at the southern boundary of the site. Corrective action measures were required under the HSWA of the Fort Polk RCRA Subpart X Operating Permit No. LA 0124022725-OP-RN-1.

Hazardous materials and RCRA listed waste components used at the site include leaded gasoline, solvents, paints, etc. Sources of contamination at this SWMU include waste POL and fuels released during vehicle maintenance activities. Benzene is present at the site above the regulatory action limits. Natural attenuation at the site consists of analyzing groundwater from four wells on a semiannual schedule.

Three years of semiannual sampling of four monitoring wells are required by the LDEQ. The site will be monitored for the natural attenuation of benzene contamination in groundwater. This will be followed by site closeout documentation and well abandonment.

The CMI(O) began in FY11 and is anticipated to be completed in FY15.

CLEANUP/EXIT STRATEGY

CMI(O) activities include residual waste management, site closeout documentation and well abandonment.

Site ID: CCSWMU26

Site Name: Motor Fuel Unit at 2900-3100 blocks

STATUS

Regulatory Driver: RCRA

Contaminants of Concern: Light non-aqueous phase liquids (LNAPL), Petroleum, Oil and Lubricants (POL), Polycyclic Aromatic Hydrocarbons (PAH), Volatiles (VOC)

Media of Concern: Groundwater, Soil

Phases	Start	End
RFA.....	199306.....	199308
CS.....	199404.....	199910
RFI/CMS.....	200310.....	201310
DES.....	201311.....	201402
CMI(C).....	201402.....	201408
CMI(O).....	201402.....	201608
LTM.....	201609.....	201809

RIP Date: 201408

RC Date: 201608

SITE DESCRIPTION

CCSWMU26 (aka Motor Fuel Unit No. 3) is located in the 2900, 3000 and 3100 blocks of the south Fort Polk cantonment area. The site lies west of Texas Avenue. The site is identified on as-built drawings and maps as Motor Fuel Unit No. 3. A fuel distribution network of USTs, underground pipes and fuel dispensers were present at the site. Originally constructed as a fueling area in the early-1940s, fueling operations continued until approximately 1975. Fuel was delivered by railroad to the site. The motor fuel unit consisted of three fill boxes, a pump house, six 12,000-gallon ASTs, four-inch underground fuel lines and two areas with fuel dispensing nozzles. At the north fueling site was a pump island with nine fueling nozzles. At the south fueling site was a pump island with five fueling nozzles. The western portions of the site are currently being used as vehicle maintenance facilities. All structures at the site have been removed, but a railroad spur runs through the middle of the site.

The RFI/CMS phase is underway. The media of concern is groundwater and soil. The primary contaminant is fuels. The secondary contaminant is metals. Possible sources of contamination at this site include leakage from the distribution lines and operational fuel spills. Soil sampling after AST removal confirmed that residual hydrocarbons were present above RECAP limits. Light non-aqueous phase liquid (LNAPL) was present in some of the monitoring wells. Hydrogen peroxide/modified Fenton's reagent oxidation will be used to treat the impacted surface soils from 5 to 15 feet below ground surface (bgs) in an approximate 10,250 sq. ft. area. The hydrogen peroxide and a ferrous catalyst will be injected into the contaminated aquifer on a 9 ft. x 9 ft. grid pattern. The injections will occur quarterly.

CLEANUP/EXIT STRATEGY

Quarterly treatment of soil and quarterly soil and groundwater samples will be collected to determine the effectiveness of this treatment.

LTM will consist of residual waste management, site closeout documentation and well abandonment.

Site Closeout (No Further Action) Summary

Site ID

Site Name

NFA Date

Documentation

There are no NFA sites

CR Schedule

Date of CR Inception: 199306

Past Phase Completion Milestones

1993

RFA (CCBLDG3401 - BLDG 3401 Former AST and Pumphouse Area, CCSWMU23 - 2600 Block VMU -SWMU 23A, CCSWMU26 - Motor Fuel Unit at 2900-3100 blocks)

2000

CS (CCBLDG3401 - BLDG 3401 Former AST and Pumphouse Area, CCSWMU23 - 2600 Block VMU -SWMU 23A, CCSWMU26 - Motor Fuel Unit at 2900-3100 blocks)

2004

RFI/CMS (CCSWMU23 - 2600 Block VMU -SWMU 23A)

2008

ISC (CCBldg1725 - Former AAFES Car Care Center, CCBldg7199 - North Fort Fire Department)

RFA (CCBldg7016 - CUBIC AST)

DES (CCSWMU23 - 2600 Block VMU -SWMU 23A)

2009

RFA (CCBldg8716 - NFWWTP Digester)

2010

PA (CC2600-2700 - Motor Fuel Units 1 & 2, CC3100-3200 - Motor Fuel Unit No 4, CC3500-3600 - Motor Fuel Unit No. 6, CC3700 - Motor Fuel Unit No. 7)

DES (CCBldg1725 - Former AAFES Car Care Center)

2011

IMP(C) (CCBldg1725 - Former AAFES Car Care Center)

2012

CMI(C) (CCSWMU23 - 2600 Block VMU -SWMU 23A)

RFI/CMS (CCBldg7016 - CUBIC AST, CCBldg8716 - NFWWTP Digester)

Additional Past Phase Completion Milestones

POLK-7 Bayou Zourie Landfill. An NFA-ATT will be prepared for this site in FY12.

POLK-17 Original Firefighter Training Area. An NFA-ATT will be prepared for this site in FY12.

POLK-18 Former Firefighter Training Area. An NFA-ATT will be prepared for this site in FY12.

POLK-21 Former Burning Ground. An NFA-ATT will be prepared for this site in FY12.

POLK-22 Avenue K MOGAS. An NFA-ATT will be prepared for this site in FY12.

Projected Phase Completion Milestones

See attached schedule

Projected Record of Decision (ROD)/Decision Document (DD) Approval Dates

Site ID	Site Name	ROD/DD Title	ROD/DD Date
CCBldg8716	NFWWTP Digester	ccbldg8716	20130930
CC3700	Motor Fuel Unit No. 7	Motor fuel units	20130930
CC3100-3200	Motor Fuel Unit No 4	Motor fuel units	20130930
CC2600-2700	Motor Fuel Units 1 & 2	Motor fuel units	20130930
CC3500-3600	Motor Fuel Unit No. 6	Motor fuel units	20130930

Final RA(C) Completion Date: 201408

Schedule for Next Five-Year Review: 2014

Estimated Completion Date of CR at Installation (including LTM phase): 201809

FORT POLK CR Schedule

 = phase underway

SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
CC2600-2700	Motor Fuel Units 1 & 2	RI/FS						
		IRA						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
CC3100-3200	Motor Fuel Unit No 4	RI/FS						
		IRA						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
CC3500-3600	Motor Fuel Unit No. 6	RI/FS						
		IRA						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
CC3700	Motor Fuel Unit No. 7	RI/FS						
		IRA						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
CCBLDG3401	BLDG 3401 Former AST and Pumphouse Area	RFI/CMS						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
CCBldg1725	Former AAFES Car Care Center	IMP(O)						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
CCBldg7016	CUBIC AST	LTM						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
CCBldg7199	North Fort Fire Department	CAP						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
CCBldg8716	NFWWTP Digester	IRA						
		CMI(C)						
		LTM						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
CCSWMU23	2600 Block VMU -SWMU 23A	CMI(O)						
SITE ID	SITE NAME	PHASE	FY14	FY15	FY16	FY17	FY18	FY19+
CCSWMU26	Motor Fuel Unit at 2900-3100 blocks	RFI/CMS						
		DES						
		CMI(C)						
		CMI(O)						
		LTM						

Community Involvement

Technical Review Committee (TRC): None

Community Involvement Plan (Date Published): 201009

Restoration Advisory Board (RAB): No

Reason Not Established: The community has expressed no sufficient, sustained interest in a RAB.

Community Interest Solicited on: 201204

Efforts Taken to Determine Interest

A newspaper solicitation was published in two local newspapers (Beauregard Daily News and the Leesville Daily Leader). It was also published in the Fort Polk Guardian, a weekly newspaper on the installation.

Results

No replies were received from citizens expressing interest in being on a RAB.

Follow-up Procedures

Fort Polk is in the process of again surveying the degree of public interest in the community in forming a RAB. These surveys will continue every two years as required by Army policy.

Additional Community Involvement Information

Public notices were placed in local newspapers announcing that the MMRP sites had been assigned munitions response site prioritization protocol (MRSP) scores. A public announcement was made in local newspapers that a copy of the five-year review report was available at a local library.

Awareness of the MMRP program and how to respond to any discovery of MD/MEC will be fostered through the USAEC Sgt. Woof campaign and other Department of Defense (DoD) guidance. Educational material will be distributed to local schools, local neighborhood organizations, libraries and other public venues.

Administrative Record is located at

ENRMD-CMB
1647 23d Street Bldg 2516
Fort Polk, LA 71459

Telephone 337-531-6008

Information Repository is located at

Vernon Parish Public Library
1401 Nolan Trace
Leesville, LA 71446

Telephone 337-531-6008

Current Technical Assistance for Public Participation (TAPP):N/A

TAPP Title: N/A

Potential TAPP: N/A

